

File 344:Chinese Patents Abs Aug 1985-2003/Apr  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200366  
(c) 2003 Thomson Derwent

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Set	Items	Description
S1	9931	(DIGIT? OR ELECTRONIC?) (3N) (WATERMARK? OR WATER()MARK? OR - MARKER? OR MARKING? OR SYMBOL? OR STENCIL? OR PATTERN? OR FIN- GERPRINT? OR IDENTIFIER?)
S2	89	STEGANOGRAPH?
S3	10827	EMAIL OR E()MAIL
S4	18923	(ELECTRONIC?) (3N) (MAIL? OR MESSAGE? OR CORRESPOND? OR MEMOS OR MEMORANDUM OR DOCUMENT)
S5	1341669	(CONTROL? OR MANAG? OR DIRECT? OR PREVENT? OR HALT? OR STO- P? OR BLOCK?) AND (DISSEMINAT? OR DISTRIBUT? OR SEND? OR TRAN- SMI? OR ROUTING)
S6	118	(CONFIDENTIAL OR SECRET) AND (S2 OR S3)
S7	21	(CHECK? OR DETECT? OR DETERMIN? OR DISCERN?) AND S6
S8	461	READING AND S1
S9	242	S1 AND (S3 OR S4)
S10	53	S9 AND S5
S11	1	S10 AND CONFIDENTIAL
S12	768630	IC=H04N?
S13	14	S10 AND S12
S14	14	S13 NOT S11
S15	1	S2 AND S3 AND CONFIDENTIAL .
S16	1	S15 NOT (S11 OR S13)
S17	6	S3 AND (WATERMARK? OR WATER()MARK?)
S18	6	S17 NOT (S15 OR S11 OR S13)

11/3,K/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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010790434 \*\*Image available\*\*  
WPI Acc No: 1996-287387/199629  
XRPX Acc No: N96-241192

Communication link transaction verification appts. - compares stored  
electronic image with electronic data signals corresponding to image  
fingerprint of person conducting transaction

Patent Assignee: DAVIS V (DAVI-I); KRETZSCHMAR L (KRET-I)

Inventor: DAVIS V; KRETZSCHMAR L

Number of Countries: 066 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9618169	A1	19960613	WO 95US15721	A	19951201	199629 B
AU 9648947	A	19960626	AU 9648947	A	19951201	199641

Priority Applications (No Type Date): US 95485824 A 19950606; US 94349784 A  
19941206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9618169	A1	E	28	G06K-009/00	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE  
ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO  
NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LS LU  
MC MW NL OA PT SD SE SZ UG

AU 9648947	A			G06K-009/00	Based on patent WO 9618169
------------	---	--	--	-------------	----------------------------

... compares stored electronic image with electronic data signals  
corresponding to image fingerprint of person conducting transaction

...Abstract (Basic): The appts. has a storage device which stores an  
electronic image of a fingerprint of an individual authorised to  
conduct the transaction. A comparator compares the stored image with...

...The electronic data signals corresp. to the image are transmitted to  
the comparator. The transaction is only completed when the electronic  
data signals correlate with...

...ADVANTAGE - Prevents unauthorised use of credit information and  
personal and confidential information

14/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07538640 \*\*Image available\*\*  
METHOD AND SYSTEM FOR PROCESSING ATTRIBUTE INFORMATION

PUB. NO.: 2003-032477 [JP 2003032477 A]  
PUBLISHED: January 31, 2003 (20030131)  
INVENTOR(s): NISHIKAWA HIROMITSU  
APPLICANT(s): CANON INC  
APPL. NO.: 2001-220485 [JP 20011220485]  
FILED: July 19, 2001 (20010719)

INTL CLASS: H04N-001/387 ; G06F-017/21; G06T-001/00; G09C-005/00;  
H04N-007/08 ; H04N-007/081

ABSTRACT

PROBLEM TO BE SOLVED: To output a first image in optimal status by **preventing** deterioration in the quality of the first image on the basis of attribute information embedded...

...106 and second image data are read out of an image database 108 by a **control** part 107 in a **distribution** server 101. Besides, pointer data are prepared for showing where the first image data are stored on the **document** database 106. An **electronic watermark** embedding part 109 embeds the attribute information such as pointer data on the first image by using invisible **electronic watermark** technique to the second image data. An encoding part 110 collects the second image data...

... as one piece of data as archive data. The archive data collected into one are **transmitted** to a **distribution** client 102.

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14/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07485644 \*\*Image available\*\*  
IMAGE FORMING DEVICE AND ITS **CONTROL** METHOD, PROGRAM, AND STORAGE MEDIUM

PUB. NO.: 2002-354162 [JP 2002354162 A]  
PUBLISHED: December 06, 2002 (20021206)  
INVENTOR(s): SERIZAWA MASAHIRO  
APPLICANT(s): CANON INC  
APPL. NO.: 2001-162576 [JP 20011162576]  
FILED: May 30, 2001 (20010530)

IMAGE FORMING DEVICE AND ITS **CONTROL** METHOD, PROGRAM, AND STORAGE MEDIUM

INTL CLASS: H04N-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image forming device that can inhibit **transmission** by an unspecified person so as to **prevent** abuse and to provide its **control** method, a program and a storage medium.

SOLUTION: The fingerprints of users (registered users) whose...

... the backup area of a RAM 175 in advance as registered fingerprint data. When a **transmission** request of image data is made by **electronic mail**, the **fingerprint** of a user of this time is read and when fingerprint data having the similarity...

... is a registered user, the setting of mail and scan parameters and processing of mail **transmission** thereafter are permitted. On the other hand, when the user of this time is not...

14/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07447953 \*\*Image available\*\*  
AUTOMATIC AUTHENTICATION OF PRINTED DOCUMENT

PUB. NO.: 2002-316465 [JP 2002316465 A]  
PUBLISHED: October 29, 2002 (20021029)  
INVENTOR(s): WELLER SCOTT W  
APPLICANT(s): XEROX CORP  
APPL. NO.: 2001-387275 [JP 20011387275]  
FILED: December 20, 2001 (20011220)  
PRIORITY: 00 748992 [US 2000748992], US (United States of America),  
December 27, 2000 (20001227)

INTL CLASS: B41J-029/38; B41J-029/00; G06F-017/60; G06T-001/00;  
H04L-009/32; H04N-001/387

#### ABSTRACT

...printed documents.

SOLUTION: A document printer 30 includes an authentication verifier 36 for checking an **electronic document** and verifying predetermined authentication information within the **electronic document**. The authentication information may be an electronic signature or a **digital watermark**. The authentication verifier 36 may be included in a printer **controller** 34, examines the authentication information of the document to verify that the document is unchanged from when it was **transmitted** by a source computer, and authenticates the source of the document. When the authentication verifier...

14/3,K/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06745223 \*\*Image available\*\*  
ELECTRONIC SEAL SYSTEM AND METHOD FOR IDENTIFYING INDIVIDUAL OF SEAL IMPRESSION AND SEAL

PUB. NO.: 2000-331077 [JP 2000331077 A]  
PUBLISHED: November 30, 2000 (20001130)  
INVENTOR(s): KUBO TAKUSHI  
APPLICANT(s): NEC CORP  
APPL. NO.: 11-139244 [JP 99139244]  
FILED: May 19, 1999 (19990519)

INTL CLASS: G06F-017/60; G06F-019/00; G06T-001/00; G09C-005/00;  
H04N-001/387

ABSTRACT

...given to the document by a person himself who recognizes the document by generating a **message** digest from **electronic** seal impression and superposing the **message** digest on the **electronic** seal impression itself.

SOLUTION: A seal impression image file 12 of the person to recognize the document is created by using a scanner, etc., on the **transmitter**'s side. Next, a hash value (message digest) for **preventing** manipulation is generated from the created seal impression image file 12. A signature (ciphering) is...

... hash value. Then the signature is embedded in the seal impression image file 12 by **electronic watermark** technology for individual identification of the seal impression 18 itself. On the other hand, a...

14/3,K/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06631170 \*\*Image available\*\*  
IMAGE PROCESSING SYSTEM, IMAGE **TRANSMISSION** SYSTEM AND RECORDING MEDIUM

PUB. NO.: 2000-216984 [JP 2000216984 A]  
PUBLISHED: August 04, 2000 (20000804)  
INVENTOR(s): IWAMOTO KEIJI  
NIIHORI EIJI  
APPLICANT(s): DAINIPPON PRINTING CO LTD  
APPL. NO.: 11-016186 [JP 9916186]  
FILED: January 25, 1999 (19990125)

IMAGE PROCESSING SYSTEM, IMAGE **TRANSMISSION** SYSTEM AND RECORDING MEDIUM

INTL CLASS: H04N-001/387 ; G06T-001/00

ABSTRACT

... BE SOLVED: To avoid impairment of design properties of an image from which a visible **electronic watermark** is eliminated by arbitrarily eliminating a visible **electronic watermark** from an image that specifies the right information containing the visible **electronic watermark**.

SOLUTION: An image 212 is divided into eight sheets of bit planes 63-1 to 63-8, and a visible **electronic watermark** is inserted into an area A of the plane 63-1. The pixel value of...

...63-1 is compared with the pixel value of an image 201 of the visible **electronic watermark** that **corresponds** to the pixel value of the area A. If no matching is confirmed between both...

...A of the bit plane of the image 122 is shifted in the higher order **direction**, to obtain an image 131 eliminated of visible **electronic watermark**. As a result, the capacity can be reduced, when the images containing the visible **electronic watermarks** are accumulated.

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14/3,K/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO

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06290667    \*\*Image available\*\*  
**ELECTRONIC    DOCUMENT    MANAGING    DEVICE**

PUB. NO.:        11-232259    [JP 11232259    A]  
PUBLISHED:      August 27, 1999 (19990827)  
INVENTOR(s):    MIYAZAKI ATSUSHI  
                 NAKAMURA HISATOSHI  
APPLICANT(s):   FUJI XEROX CO LTD  
APPL. NO.:      10-033394    [JP 9833394]  
FILED:           February 16, 1998 (19980216)

**ELECTRONIC    DOCUMENT    MANAGING    DEVICE**

INTL CLASS:     G06F-017/21; B41J-029/38; G06F-015/00; G09C-005/00;  
                 H04N-001/387 ; G06T-011/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic document managing device** to **manage** both of **electronic distribution** and **distribution** by printing of an **electronic document**.

SOLUTION: An **electronic watermark** is generated from **managing information** like copyright information, etc., stored in a **managing information storage part 11** by an **electronic watermark generating part 12**, a discrimination code is generated from the **managing information** by a discrimination code generating part 13 and the **electronic watermark** and the discrimination code are added to the **electronic document** without **watermark** stored in an **electronic document** without **watermark** storage part 10. Thus, since the **electronic watermark** and the discrimination code is added to the **electronic document** to be outputted to the outside, the **distribution** by electronic reproduction and the **distribution** by printing of the **electronic document** are **managed**.

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14/3,K/7        (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01629470    \*\*Image available\*\*  
**FACSIMILE    CONTROL    SYSTEM**

PUB. NO.:        60-107970    [JP 60107970    A]  
PUBLISHED:      June 13, 1985 (19850613)  
INVENTOR(s):    NAKAYAMA TAKESHI  
                 KIMURA TATSUO  
                 SHINKITA TETSUYA  
                 SHIHARA SHINJI  
                 NIE KOUICHI  
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
                 (Japan)  
APPL. NO.:      58-215268    [JP 83215268]  
FILED:           November 16, 1983 (19831116)  
JOURNAL:        Section: E, Section No. 351, Vol. 09, No. 263, Pg. 2, October  
                 19, 1985 (19851019)

**FACSIMILE    CONTROL    SYSTEM**

INTL CLASS: H04N-001/00 ; H04N-001/32

ABSTRACT

PURPOSE: To improve the **transmission** efficiency by **transmitting** a unstored character pattern from a **transmission** side to realize the **transmission** of a character code with respect to the unstored character pattern not stored in a...

...CONSTITUTION: When one pattern's share of document information (character code) is **transmitted** to a pattern buffer 31 of a facsimile **controller** 3 from an electronic computer 4, the facsimile **controller** 3 checks whether or not a character code other than a character pattern provided in the facsimile 1 exists in the character code. When the **corresponding** character exists, the **electronic** computer 4 requests the character **pattern**, the **electronic** computer 4 receives it, retrieves character pattern information corresponding in a memory 43, it is read and fed to the facsimile **controller** 3 so as to be stored in a character pattern buffer 34. When all information is stored in the pattern buffer 31 and a character pattern buffer 34, the **transmission** of data is started to the facsimile 1.

14/3,K/8 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015608135 \*\*Image available\*\*

WPI Acc No: 2003-670292/200363

XRFX Acc No: N03-535146

**Image reading apparatus, has embedded unit that embeds additional information in image data created from original document data as electronic watermark and transmitting unit that sends embedded data to computer**

Patent Assignee: MINOLTA CAMERA KK (MIOC ); SHIBATA K (SHIB-I)

Inventor: SHIBATA K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030107771	A1	20030612	US 2002316112	A	20021211	200363 B
JP 2003179707	A	20030627	JP 2001377268	A	20011211	200363

Priority Applications (No Type Date): JP 2001377268 A 20011211

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030107771	A1	14	G06K-009/00	
JP 2003179707	A	9	H04N-001/00	

... **embedded unit that embeds additional information in image data created from original document data as electronic watermark and transmitting unit that sends embedded data to computer**

Abstract (Basic):

... data. An embedded unit embeds additional information in the image data created from the original **document** data as an **electronic watermark**. A **transmitting** unit **sends** the image data in which the additional information is embedded to a computer over a...

... The **electronic watermark** has a characteristic that can be readily detected by a receiving computer to decode the...

...to the naked eye the printing process does not get disrupted. The apparatus helps in **preventing** unauthorized reproduction of the image data by allowing only registered or authorized users to issue...

...The drawing shows a **block** diagram showing the construction of the multi-function peripherals...

...Title Terms: **TRANSMIT** ;

...International Patent Class (Main): **H04N-001/00**

...International Patent Class (Additional): **H04N-001/387** ...

... **H04N-001/40**

**14/3,K/9** (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015425271 \*\*Image available\*\*

WPI Acc No: 2003-487413/200346

XRPX Acc No: N03-387705

Image related data reproduction system e.g. for audio data, searches image related data corresponding to electronic watermark embedded in image data received from mobile telephone and sends searched data to mobile telephone

Patent Assignee: KYODO PRINTING CO LTD (KYOH )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003134326	A	20030509	JP 2001329387	A	20011026	200346 B

Priority Applications (No Type Date): JP 2001329387 A 20011026

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003134326 A 13 H04N-001/387

... related data reproduction system e.g. for audio data, searches image related data corresponding to electronic watermark embedded in image data received from mobile telephone and sends searched data to mobile telephone

Abstract (Basic):

... A system receives the image data from a mobile telephone (101). An extraction unit extracts **electronic watermark** from the received image data. A search unit searches the image related data such as audio data corresponding to the extracted watermark, from an audio information database (114). A **transmitter transmits** the searched image related data to the mobile telephone.

... The figure shows the **block** diagram of image related data reproduction system. (Drawing includes non-English language text...

...Title Terms: **SEND** ;

International Patent Class (Main): **H04N-001/387**

...International Patent Class (Additional): **H04N-007/08** ...

... **H04N-007/081**

**14/3,K/10** (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015203467 \*\*Image available\*\*

WPI Acc No: 2003-264001/200326

XRPX Acc No: N03-209887

Digital data content encryption method involves enciphering data section

containing electronic watermark and data section without watermark,  
using different encryption keys

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003078520	A	20030314	JP 2001269623	A	20010906	200326 B

Priority Applications (No Type Date): JP 2001269623 A 20010906

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003078520	A	21	H04L-009/16	

Digital data content encryption method involves enciphering data section  
containing electronic watermark and data section without watermark,  
using different encryption keys

Abstract (Basic):

... The digital data content is divided into several sections and  
electronic watermark corresponding to each section is embedded  
into the divided section. The divided data section with electronic  
watermark and data section without watermark are enciphered using  
different encryption keys.

... 4) content distribution method...

...5) content distribution apparatus...

...12) content distribution program...

...13) content distribution program recorded medium...

...Illegal copying of digital data content and irregular implanting of fake  
electronic watermark in data content are prevented .

...

...The figure shows a block diagram of the data content encryption  
apparatus. (Drawing includes non-English language text

...International Patent Class (Additional): H04N-007/08 ...

... H04N-007/081 ...

... H04N-007/167

14/3,K/11 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015145909 \*\*Image available\*\*

WPI Acc No: 2003-206436/200320

XRPX Acc No: N03-164886

Electronic document data transmission method involves determining  
correspondence of document identifier of electronic synthesis image  
and transmitted identifier before transmitting requested data

Patent Assignee: DOCUMENT EXPRESS KK (DOCU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003037724	A	20030207	JP 2001224121	A	20010725	200320 B

Priority Applications (No Type Date): JP 2001224121 A 20010725

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2003037724 A 8 H04N-001/32

Electronic document data transmission method involves determining correspondence of document identifier of electronic synthesis image and transmitted identifier before transmitting requested data

Abstract (Basic):

... The document data is transmitted to a specified transmission destination, when the document identifier of the electronic synthesis image obtained by reading the document corresponds with the transmitted identifier, before transmitting request data.

... An INDEPENDENT CLAIM is included for document data transmitting apparatus...

...For transmitting electronic document data in financial institution, insurance company, ministry agencies and public office in cities, towns and...

...The generation of error in document data transmission is prevented and thereby data transmission rate is improved, efficiently and reliably using simple technique...

...The figure shows a schematic view illustrating the electronic document data transmission process. (Drawing includes non-English language text...

...Title Terms: TRANSMISSION ;

International Patent Class (Main): H04N-001/32

...International Patent Class (Additional): H04N-001/00 ...

... H04N-001/387

14/3,K/12 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014305713 \*\*Image available\*\*  
WPI Acc No: 2002-126416/200217  
XRPX Acc No: N02-094865

Electronic mail system has extraction unit in receiving terminal to extract authentication information of image which is stored as accumulated watermark

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001309158	A	20011102	JP 2000125743	A	20000426	200217 B

Priority Applications (No Type Date): JP 2000125743 A 20000426

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001309158 A 8 H04N-001/387

Electronic mail system has extraction unit in receiving terminal to extract authentication information of image which is...

Abstract (Basic):

... A production unit (3) produces an authentication image which stores authentication information as an accumulated electronic watermark . An extraction unit (6) in the receiving terminal extracts the authentication information.

... Electronic mail system for transmitting and receiving  
electronic mail .

...

...The name of the legitimate electronic mail is transmitted quickly  
and electronic mail can be distinguished by the receiving party...

...The figure shows the block diagram of electronic mail system.

(Drawing includes non-English language text

International Patent Class (Main): H04N-001/387

14/3,K/13 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014123010 \*\*Image available\*\*

WPI Acc No: 2001-607222/200169

Related WPI Acc No: 1995-200530; 1996-518986; 1997-310156; 1998-009129;

1998-110064; 1998-286225; 1999-204782; 1999-444465; 2000-013122;  
2000-194736; 2000-195398; 2000-464989; 2000-490584; 2000-647035;  
2001-022904; 2001-335855; 2001-357503; 2001-374044; 2001-397673;  
2001-425330; 2001-570080; 2001-580828; 2001-581298; 2001-581665;  
2001-595705; 2002-011177; 2002-041658; 2002-062159; 2002-082807;  
2002-154357; 2002-163681; 2002-179003; 2002-188040; 2002-205513;  
2002-224088; 2002-226224; 2002-235400; 2002-236852; 2002-238913;  
2002-239839; 2002-254659; 2002-256143; 2002-268672; 2002-315095;  
2002-361599; 2002-361694; 2002-370756; 2002-382444; 2002-391512;  
2002-392708; 2002-393501; 2002-394013; 2002-403568; 2002-405083;  
2002-413035; 2002-416925; 2002-435593; 2002-470507; 2002-479804;  
2002-498079; 2002-498923; 2002-507125; 2002-508021; 2002-528580;  
2002-556177; 2002-598923; 2002-636862; 2002-642228; 2002-654787;  
2002-672857; 2002-691185; 2002-697772; 2003-045908; 2003-074123;  
2003-090293; 2003-137905; 2003-140183; 2003-174573; 2003-199024;  
2003-238411; 2003-266622; 2003-268467; 2003-275465; 2003-327510;  
2003-331365; 2003-353776; 2003-362315; 2003-391983; 2003-392393;  
2003-401297; 2003-418353; 2003-418436; 2003-419904; 2003-465734;  
2003-492022; 2003-557490; 2003-587433; 2003-597620; 2003-615418;  
2003-615425; 2003-655604; 2003-655616; 2003-655715; 2003-656012;  
2003-658647; 2003-659691; 2003-687554

XRPX Acc No: N01-453279

File browser system decodes an object identifier from selected object  
file and displays metadata or action associated with media object file

Patent Assignee: DIGIMARC CORP (DIGI-N); JONES K C (JONE-I)

Inventor: JONES K C; RAMOS D O; RHOADS G B

Number of Countries: 095 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200161508	A1	20010823	WO 2001US4812	A	20010214	200169 B
AU 200137017	A	20010827	AU 200137017	A	20010214	200176
US 20010046069	A1	20011129	US 2000183681	P	20000219	200202
			US 2001784391	A	20010215	
EP 1257921	A1	20021120	EP 2001909242	A	20010214	200301
			WO 2001US4812	A	20010214	
KR 2003007432	A	20030123	KR 2002710746	A	20020817	200336
JP 2003523697	W	20030805	JP 2001560828	A	20010214	200360
			WO 2001US4812	A	20010214	

Priority Applications (No Type Date): US 2000636102 A 20000810; US  
2000183681 P 20000219; US 2000191778 P 20000324; US 2001784391 A 20010215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200161508 A1 E 68 G06F-013/00  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200137017 A G06F-013/00 Based on patent WO 200161508  
US 20010046069 A1 H04N-001/00 Provisional application US 2000183681  
  
EP 1257921 A1 E G06F-013/00 Based on patent WO 200161508  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR  
KR 2003007432 A G06F-013/00  
JP 2003523697 W 81 H04N-001/387 Based on patent WO 200161508

Abstract (Basic):

... f) Electronic messages distribution control system...  
...g) Electronic messages distribution control method...  
...h) Electronic messages transmitting method...  
...j) Distributed watermark spider system...  
  
...File browser system e.g. internet browser (claimed) especially with  
digital water markencoding -decoding applications, for media  
objects including audio signals and video signals, documents, software,  
multidimensional graphic...  
  
...Since the user is given an opportunity to control various stages of  
watermark detection, an enhanced file browser system is obtained...  
...International Patent Class (Main): H04N-001/00 ...  
  
... H04N-001/387  
...International Patent Class (Additional): H04N-007/08 ...  
  
... H04N-007/081

14/3,K/14 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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002362040

WPI Acc No: 1980-G8499C/198032

Opto- electronic large document or pattern reader - has optical  
system with servo- controlled deflector and digital detector signal  
processing

Patent Assignee: LASER-SCAN LAB LTD (LASE-N)

Inventor: EWEN-SMITH B M; WOODSFORD P A

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3002249	A	19800731				198032 B
GB 2044922	A	19801022				198043
US 4302681	A	19811124				198150
GB 2044922	B	19830803				198331

Priority Applications (No Type Date): GB 793059 A 19790129

Opto- electronic large document or pattern reader...

...has optical system with servo- controlled deflector and digital detector signal processing

...Abstract (Basic): from the document is received by a detector via an optical system with a servo- controlled deflection system with a controller determining the beam path...

...The optical system forms an image of the pattern at the detector by reflecting or transmitting small portions of the illuminated surface. The deflection system contains primary and secondary deflectors. The...

...Title Terms: CONTROL ;

...International Patent Class (Additional): H04N-001/04

?

16/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013258906 \*\*Image available\*\*  
WPI Acc No: 2000-430789/200037  
XRPX Acc No: N00-321489

**Method for generating pseudo-random number sequence used for encoding and decoding steganographic data in confidential data communication**

Patent Assignee: DATAMARK TECHNOLOGIES PTE LTD (DATA-N)

Inventor: HO A T S; TAM S C; TAN S C; YAP L T

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200025203	A1	20000504	WO 99SG105	A	19991026	200037	B
AU 9964943	A	20000515	AU 9964943	A	19991026	200039	
EP 1125189	A1	20010822	EP 99952884	A	19991026	200149	
			WO 99SG105	A	19991026		
TW 452732	A	20010901	TW 99119232	A	19991104	200240	
JP 2002528770	W	20020903	WO 99SG105	A	19991026	200273	
			JP 2000578722	A	19991026		

Priority Applications (No Type Date): SG 983458 A 19981028

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200025203	A1 E	50	G06F-007/58	
Designated States (National): AU CA CN ID JP KR SG US				
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
AU 9964943	A		G06F-007/58	Based on patent WO 200025203
EP 1125189	A1 E		G06F-007/58	Based on patent WO 200025203
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
TW 452732	A		G06F-007/58	
JP 2002528770	W	55	G09C-001/00	Based on patent WO 200025203

**Method for generating pseudo-random number sequence used for encoding and decoding steganographic data in confidential data communication**

Abstract (Basic):

... For generating pseudo-random number sequence used for encoding and decoding **steganographic** data in **confidential** data communication. Also used for protecting data by software developers, and as plug-in for internet web browser, **e - mail** program, graphics program...

...shows the flowchart of the method for generating pseudo-random number sequence, incorporated with the **steganographic** encoding method...

?

18/3,K/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015325122 \*\*Image available\*\*  
WPI Acc No: 2003-386057/200337  
XRPX Acc No: N03-308473

Digital content protection method involves notifying irregular  
transmission of e - mail , when correctness of received e - mail is  
not confirmed upon detection of electronic watermark in the received e  
- mail

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003092605	A	20030328	JP 2001283389	A	20010918	200337 B

Priority Applications (No Type Date): JP 2001283389 A 20010918

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003092605	A		16 H04L-012/58	

Digital content protection method involves notifying irregular  
transmission of e - mail , when correctness of received e - mail is  
not confirmed upon detection of electronic watermark in the received e  
- mail

Abstract (Basic):

... An electronic watermark is embedded into an e - mail sent  
from an user terminal using the header information of the e - mail ,  
so as to generate a watermarked e - mail . The watermarked e -  
mail is transmitted to the destination through an e - mail server  
that confirms the correctness of the received e - mail . When the  
correctness is not confirmed, an irregular transmission of e - mail  
is notified.

...Title Terms: WATERMARK ;

18/3,K/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015301454 \*\*Image available\*\*  
WPI Acc No: 2003-362388/200334  
XRPX Acc No: N03-289423

Messaging session recording method for electronic communication, involves  
recording messaging entries with watermark , such that origin of message  
entry is traceable based on watermark

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: BROWN M W; DUTTA R; PAOLINI M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030023682	A1	20030130	US 2001915490	A	20010726	200334 B

Priority Applications (No Type Date): US 2001915490 A 20010726

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030023682	A1		16 G06F-015/16	

Messaging session recording method for electronic communication, involves recording messaging entries with watermark , such that origin of message entry is traceable based on watermark

Abstract (Basic):

... A distinguishable **watermark** is applied to several message entries within a messaging session. The messaging entries are recorded with the **watermark** , such that an origin of the message entries is traceable based on the distinguishable **watermark** .

... For electronic communications, for recording **watermarking** message sessions, using Internet and telephony, computer systems and data communication equipment for communicating through **e - mail** , voice mail, instant voice communications, instant text messaging or facsimile, Internet relay chat (IRC), etc...

...Provides a **watermark** messaging session such that the origin of the recorded sessions is traceable. Users participating in the messaging session receive recording of the **watermarked** message entries for the session, where user of the recording of the session is traceable according to the **watermark** .

...

...The figure shows a high level logic flowchart of **watermark** recording and origin tracing process

...Title Terms: **WATERMARK** ;

18/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015225673 \*\*Image available\*\*  
WPI Acc No: 2003-286585/200328

**System for printing image contents through internet and printing method thereof**

Patent Assignee: LEE B C (LEEB-I)  
Inventor: KIM S H; LEE B C  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002093413	A	20021216	KR 200132160	A	20010608	200328 B

Priority Applications (No Type Date): KR 200132160 A 20010608

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002093413	A		1 G06F-017/00	

Abstract (Basic):

... supply a printing service for not only members but other persons through a large-sized **E - mail** .

... a web site(101) and delivering the files to clients, a web server(100), a **watermark** processing server(200), an **E - mail** server(300), a file server(400), and a main server(900) are constituted as a...

...a digital conversion unit(102) and a digital photo printing center(500) are provided. The **watermark** processing server(200) performs an effective file up-loading, a **watermark** , and an encryption. In addition, the **watermark** processing server(200) converts an IP address(Internet Protocol address) of the web server(100...

...a file up-loading requesting signal is transmitted through the web server(100) and the E - mail server(300). Thus, the image file is up-loaded to the watermark processing server(200) not through the web server(100...

18/3,K/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013833654  
WPI Acc No: 2001-317866/200134  
XRPX Acc No: N01-228259

Multifunctional communications device uses combination of personal electronic signature or password as digital signature or watermark and GPS signal for location and time determination

Patent Assignee: BALTUS R (BALT-I)  
Inventor: BALTUS R; WOOP M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19940649	A1	20010301	DE 1040649	A	19990826	200134 B

Priority Applications (No Type Date): DE 1040649 A 19990826

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19940649	A1		2 H04L-009/32	

Multifunctional communications device uses combination of personal electronic signature or password as digital signature or watermark and GPS signal for location and time determination

Abstract (Basic):

... with a combination of a personal electronic signature or password as a digital signature or watermark and a GPS signal for location and time determination as a digital seal or watermark , whereby biometric characteristic identification fields of and other data or programs are stored on the...  
... and electronic signing with positive caller identification without sending a data file such as an e - mail and also addition of an accurate time and location statement as a digital seal...  
...Title Terms: WATERMARK ;

18/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013707617 \*\*Image available\*\*  
WPI Acc No: 2001-191841/200120  
XRPX Acc No: N01-136382

Distributing digital media file such as sound recordings or video via modem connection has watermark indicative of the identity of the customer

Patent Assignee: BENSON M (BENS-I)  
Inventor: BENSON M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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AU 725075        B    20001005   AU 200036387        A    20000524   200120   B

Priority Applications (No Type Date): AU 200036387 A 20000524

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 725075	B		14	G06F-012/14	

Distributing digital media file such as sound recordings or video via modem connection has watermark indicative of the identity of the customer

Abstract (Basic):

...        made to the telephone account for the digital media file. The file contains a digital **watermark** indicative of or including the detected telephone number and the digital media file is downloaded to the customers computer (2) or to a specified **e - mail** address.  
...        an image file, a computer software file, or a computer data file which bears a **watermark** .  
...

...The digital media file bears a **watermark** indicative of the identity of the customer which deters the customers from making or allowing

...Title Terms: **WATERMARK** ;

18/3,K/6        (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013069806        \*\*Image available\*\*

WPI Acc No: 2000-241678/200021

XRPX Acc No: N00-181786

**Confidential information selective output system for E - mail , internet chat, embeds confidential information as electronic watermark on image data, and outputs as audio/video data only on indication by user**

Patent Assignee: KUJIRATA M (KUJI-I)

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000057327	A	20000225	JP 993559	A	1999011	200021   B

Priority Applications (No Type Date): JP 98170683 A 19980602

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000057327	A		9	G06T-001/00	

**Confidential information selective output system for . E - mail , internet chat, embeds confidential information as electronic watermark on image data, and outputs as audio/video data only on indication by user**

Abstract (Basic):

...        Image data is recorded to memory by a recording unit and an electronic **watermark** indicating confidential information is embedded to the image data. Then, the image data is displayed...  
...        For **E - mail** , internet chat and for status management report in enterprise...  
...Title Terms: **WATERMARK** ;  
?